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Subject: CONCURRENT MANAGER FAILS WITH ORA-00604 & ORA-00018
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Problem Description

You are attempting to start concurrent manager, when the request log as the following error;

ORA-00604 error occurred at recursive sql level 1
ORA-00018 maximum number of sessions exceeded

Solution Description

Please follow the instructions below:

1) Shut down the database server. Please refer to Oracle8 Administrator's Guide, chapter 3, for more information on starting up and shutting down the data base server.

2) Increase the value of OPEN_CURSORS parameter in the init.ora file.

Instructions are as follows:

a) Login to the database server as the oracle user.

b) cd $ORACLE_HOME/dbs

c) edit the init<SID>.ora file using vi

d) Increase the value of the OPEN_CURSORS parameter. The highest value you can set the parameter to is system dependent.

For more information, please refer to Oracle8 Server Administrator's Guide, Appendix A.

e) Save the changes you've made in init<SID>.ora

3) Start up the data base server again.

4) Bounce the concurrent manager .

Explanation

This error indicates that some error occurred when an internal sql statement was issued. One situation in which this could occur is the insertion of a row into a table when there is no room in the last extent. The RDBMS then issues a select statement to find out where and how big the next extent should be created.

The most common reason for ORA-604 is that the init.ora parameter OPEN_CURSORS is too low. Setting the parameter to 255 is a common practice.

References

Oracle8 tuning, chapter 14, part No. A58246-01
Note 91626.1, Note 1036728.6

Additional Search Words

OPEN_CURSORS, init.ora
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